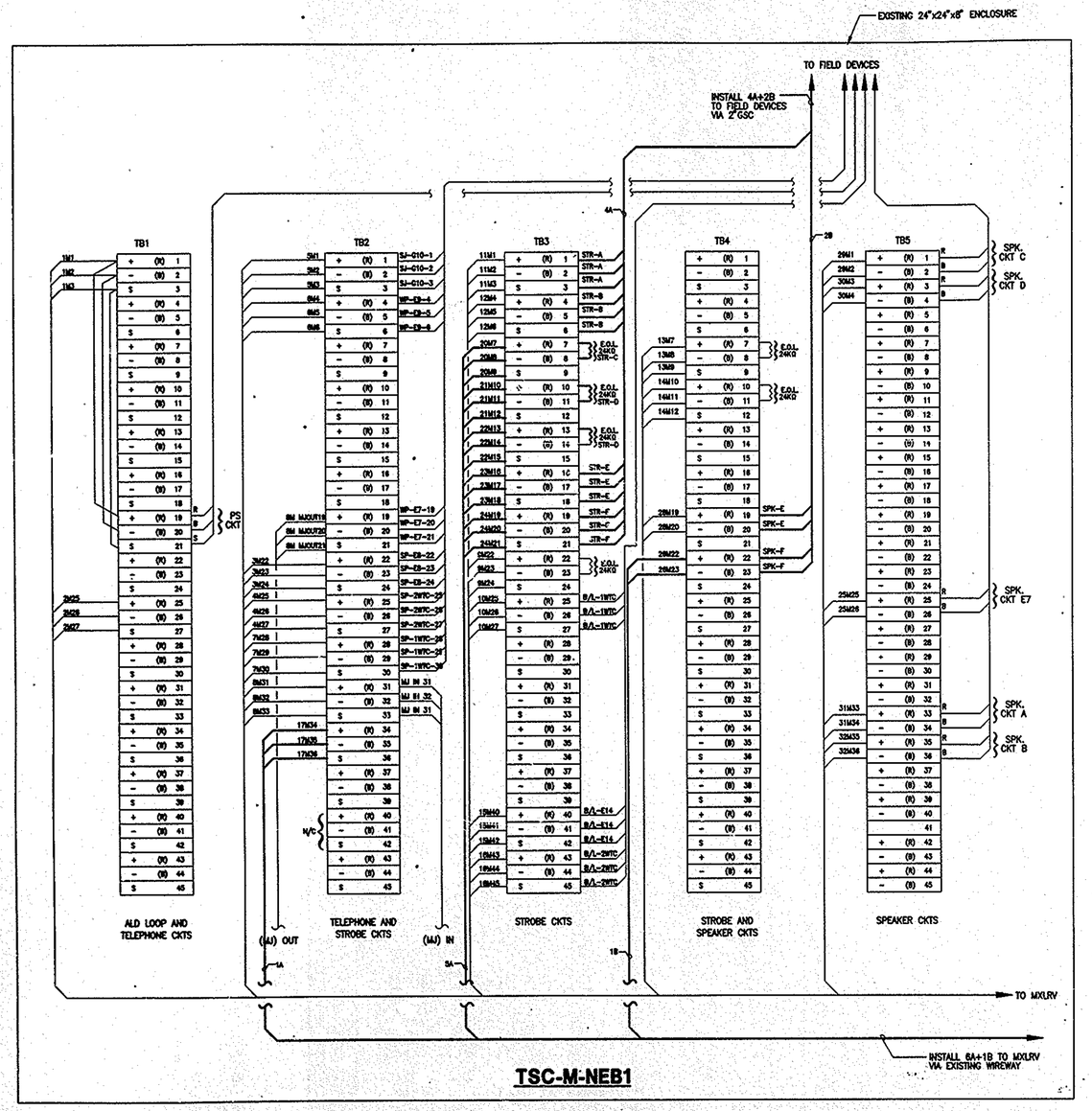
REVISION No. 9




**TSC-M-NEB1**

## NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE DETAIL "A" (ON THIS DWG).
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. CONTRACTOR SHALL STRIPE, TEST AND LABEL ALL CABLES. FINAL CONNECTION SHALL BE MADE BY CONTRACTOR IN THE PRESENCE AND UNDER THE DIRECT SUPERVISION OF THE ENGINEER.
5. FOR TSC-M-NEB1 ENCLOSURE LOCATION, SEE DWG E-7, B1 LEVEL MER PLAN.

## LEGEND:

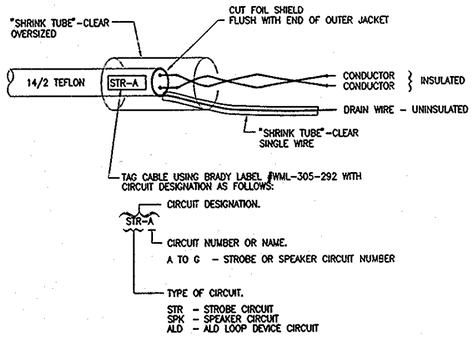
28M20

#14 AWG CONDUCTORS AND DRAINS
28 – INDICATES PAIR NUMBER
M – INDICATES WIRE RUN TO MXLRV
20 – INDICATES TERMINAL BLOCK NUMBER
I – INDICATES WIRE RUN TO TSC-I1
A – INDICATES WIRE RUN TO TSC-F1A
B – INDICATES WIRE RUN TO TSC-F1B

+ (R) 2

TB2 – TERMINAL BLOCK #2
(+) INDICATES POSITIVE POLARITY
(–) INDICATES NEGATIVE POLARITY
(R) INDICATES RED WIRE
(B) INDICATES BLACK WIRE
(S) INDICATES SHIELD/DRAIN WIRE
2 INDICATES TERMINAL BLOCK POINT NUMBER

UNUSED TERMINAL BLOCK




## DETAIL "A" - TYPICAL SHIELD/DRAIN INSULATING METHOD

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-861.571 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 5/17/99 CONTRACT ENGR./ARCH.

DATE 5/20/99 ENGINEERING PROGRAM MGR.

Sheet 13 of 37

THE PORT AUTHORITY OF NY & NJ

ENGINEERING PROGRAM MANAGER WORLD TRADE

CHIEF ELECTRICAL ENGINEER

| No. | Date | Revision | Approved |
|---|---|---|---|

ENGINEERING DEPARTMENT

WORLD TRADE CENTER

ELECTRICAL

Title

FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

B1 LEVEL
TSC-M-NEB1
BLOCK WIRING
DIAGRAM

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

| FELDSTEIN | ROYZMAN | |
|---|---|---|
| Designed by | Drawn by | Checked by |

5-17-99
Date

WTC-861.571 — Contract Number

E-12 — Drawing Number

FILE NAME: Y:\WTC-861.571\SWTC\E-12.dwg plotted on 5/6/1999 by BROYZMAN